

REMARKS/ARGUMENTS

Claims 1 to 11 and 21 to 25 were rejected under 35 U.S.C. §103(a) as being unpatentable over Sarring, U.S. Patent No. 3,722,336, in view of Kile et al., U.S. Patent No. 3,122,041.

Reconsideration of the application is respectfully requested.

35 U.S.C. §103(a) Rejections

Claims 1 to 11 and 21 to 25 were rejected under 35 U.S.C. §103(a) as being unpatentable over Sarring, U.S. Patent No. 3,722,336, in view of Kile et al., U.S. Patent No. 3,122,041.

Sarring shows feed, transport and delivery mechanisms for a two-station, three-knife book trimmer. (See col. 1; lines 5 to 7).

Kile et al. discloses a magazine trimmer including a base A, a reciprocating table B carried on the base, a crank supported trimming blade assembly C which reciprocates table B through roller guides which act as a scotch yoke, an infeed assembly F and a carrier assembly G. As seen in Fig. 4, a clamp mechanism D is carried directly upon table B, as is a stop mechanism E. (See Fig. 1 and col. 2, lines 39 to 46).

Claim 1 recites a transfer apparatus for a sheet material article trimmer, the transfer apparatus comprising:

a transfer element configured to grip the sheet material article and move the sheet material article in a transfer direction onto a moving side table of the sheet material article trimmer, the moving side table carrying the sheet material article; and

a driver configured to move the transfer element at a same speed as the moving side table during a first time period, the speed of the side table and the transfer element varying during the first time period, when the sheet material article is gripped by the transfer element and the side table is moving in the transfer direction.

Neither Sarring nor Kile et al. disclose moving “the sheet material article in a transfer direction onto a moving side table” as recited in claim 1. Sarring shows that the second station does not move and in fact there is no side table; the book is supported only by the transport belts which are indexed to stop before and during the side cutting. (See col. 5; lines 6 to 20). As acknowledged on Pages 2, 5 and 7 of the Office Action, Sarring does not teach a side table.

Kile et al. shows a front table B carrying a magazine and a front trimming blade to trim the front edge of a magazine. A magazine is fed towards table B via infeed F. The magazine is clamped by a front clamp bar and trimmed by the front trimming blade of assembly C. The magazine is then moved into position upon lugged chains of carrier assembly G which continues to move the book forward. Side joggers position the first magazine precisely between the end trimming blades which trim the ends of the magazine while a second magazine is being front-trimmed on table B. Thus, Kile et al. discloses a front table for trimming the front end of the magazine and trimming the sides of the magazine when the magazine is in position on lugged chains. Thus, Kile et al. does not teach moving magazines “in a transfer direction onto a moving side table of the sheet material article trimmer” since Kile et al. does not teach a moving side table.

Furthermore, neither Sarring nor Kile et al. show “the speed of the side table and the transfer element varying during the first time period.” There is no disclosure in Kile et al. that supports the speed of the lugged chains “varying” as recited in claim 1. In addition, Kile et al. does not teach front reciprocating table B having a speed “varying during the first time period” as recited in claim 1. Thus, Sarring in view of Kile et al. does not disclose all of the limitations of claim 1.

Claim 25 recites a similar limitation, “move the sheet material article in a transfer direction onto a side table of the sheet material article trimmer.” For the reasons set forth above with respect to claim 1, it is respectfully submitted that Sarring in view of Kile et al. does not show all of limitations recited in claim 25.

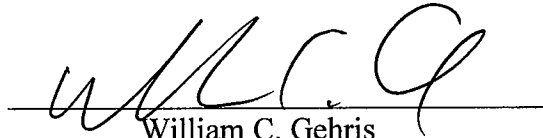
Withdrawal of the rejections to claims 1 to 11 and 21 to 25 under 35 U.S.C. §103(a) is therefore respectfully requested.

CONCLUSION

It is respectfully submitted that the present application is now in condition for allowance, and Applicants respectfully request such action.

Respectfully submitted,

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